

## ABSTRACT

A control system (2) used for reaction equipment (20) and a monitoring device thereof are disclosed. The control system is connected to a computer (3) by signal, and includes the monitoring device and a portable alarm (24). The monitoring device includes a detector (21) for detecting the reaction action proceeded in the reaction equipment and outputting a detected value, an abnormal state assessor (22) in communication with the detector for giving an abnormal signal when the detected value is in the range of an abnormal state, and a wireless signal emitter (23) in communication with the abnormal state assessor for transmitting a wireless signal when receiving the abnormal signal. The wireless signal is received by the portable alarm and the portable alarm gives a warning signal to inform the user carrying with it